Attorney Docket No. ZIP 3246
Express Mail Label No. EV53492208 CO3 Rec'd PCT/PTO 1 2 MAY 2005
Postcard: 05/05-13

TRANSMITTAL LETTER TO THE UNITED STATES PATENT AND TRADEMARK OFFICE (DO/EO/US)

(SUBMISSION UNDER 35 USC 371)

| PCT/EP2003/012473 INTERNATIONAL APPLICATION NO. | 7 November 2003 (07.11.2003) INTERNATIONAL FILING DATE | 13 November 2002 (13.11.2002) PRIORITY DATE CLAIMED |
|---|--|---|
| U.S APPLICATION NO. (if known) | | 10/534889 |
| ANAEROBIC FERMENTER | | |
| Reinhart VON NORDENSKJÖLD | | |

Mail Stop PCT COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

>

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- [x] This is a FIRST submission of items concerning a submission under 35 USC 371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 USC 371.
- 3. [x] This is an express request to begin national examination procedures (35 USC 371(f)). The submission must include items (5), (6), (9) and the Fee Calculation Sheet.
- 4. [x] The US has been elected (Article 31).
- 5. [x] A copy of the International Application as filed (35 USC 371(c)(2))
 - a. [] is attached hereto (required only if not communicated by the International Bureau)
 - b. [x] has been communicated by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US).
- 6. [x] An English language translation of the International Application as filed (35 USC 371(c)(2)).
 - a. [x] is attached hereto.
 - b. [] has been previously submitted under 35 USC 154(d)(4).
 - c. [] is not required as the application was filed in the English language.
- 7! [x] Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3))
 - a. [] are attached hereto (required only if not communicated by the International Bureau).
- b. [] have been communicated by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [x] have not been made and will not be made.
- 8. [] An English language translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
- 9. [x] An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
 - a. [x] is submitted herewith.
 - b. [] will be submitted upon request.
- 10. [] A copy of the International Preliminary Examination Report
- 11. [] A copy of the Annexes to the International Preliminary Examination Report
- 12. [] An English language translation of the Annexes of the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).
 - a. [] is submitted herewith.
 - b. [] is not required as the Annexes are in the English language.

Items 13-17 below concern documents(s) or information included:

- 13. [x] Copy of WO Publication (front sheet only)
- 14. [x] Preliminary Amendment
- 15. [x] Abstract on a separate sheet
- 16. [x] PCT/IB/308
- 17. [x] Other items or information: The undersigned representative asserts small entity status with respect to this application.

SMITH-HILL AND BEDELL, P.C. 12670 N.W. Barnes Road Portland, Oregon 97229

Tel: (503) 574-3100 Fax: (503) 574-3197 Respectfully_submitted.

John Smith-Hill Reg. No. 27,730

FEE CALCULATION SHEET

Entry into National Stage of PCT/EP2003/012473

| CLAIMS FEE | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5 | 5)CALCULA- TIONS |
|---|--|--------------------------|---------------------|-----------|----|---------------------|
| *(x) | TOTAL CLAIMS 13 | -20 = | o | x \$ 50 = | \$ | 0 |
| | INDEPENDENT CLAIMS 2 | - 3 = | . 0 | x \$200 = | \$ | 0 |
| | MULTIPLE DEPENDENT | CLAIM(S) (if applicable) | | + \$360 = | \$ | 0 |
| FEES | [x] BASIC NATIONAL FEE \$300.00 | | | | \$ | 300 |
| | [x] EXAMINATION FEE | | | \$200.00 | \$ | 200 |
| | [x] SEARCH FEE | | | \$500.00 | \$ | 500 |
| | er 100 pages) | \$250.00 | \$ | | | |
| OTHER FEES | Surcharge for furnishing the oath or declaration later than 30 months from any claimed priority date [37 CFR 1.492(e) and 37 CFR 1.495(c)]. \$130 | | | | | |
| | | | | | | |
| | Total of above Calculations | | | | = | 1000 |
| SMALL ENTITY | Reduction by 1/2 for filing by small entity, if applicable. [37 CFR 1.27] | | | | | |
| | | | | | - | 500 |
| Subt | | | | | | 500 |
| | Processing fee for furnishing the English Translation later than 30 months from any claimed priority date [37 CFR 1.492(f) and 37 CFR 1.495(c)]. \$130 | | | | | |
| | | | | | + | |
| | Total National Fee | | | | \$ | 500 |
| Fee for recording the enclosed assignment document \$40 [37 CFR 1.21(h)]. | | | | | + | |
| TOTAL | TOTAL FEES ENCLOSED | | | | | 500 |

See attached Preliminary Amendment.

[x] A check in the amount of \$500 to cover the above fees is enclosed.

Please charge any additional basic filing, examination, or search fee which may be required by this paper, or credit any overpayment to Deposit Account No. 19-2560. (Do not charge excess claim fees or the surcharge for belated filing of the Declaration to the Deposit Account.) This sheet is filed in duplicate. [x]

TORKULL

FEE CALCULATION SHEET

Entry into National Stage of PCT/EP2003/012473

| CLAIMS FEE | (1) FOR | (2) NUMBER FILED | (3) NUMBER EXTRA | (4) RATE | (5)0 | CALCULA- TIONS |
|-----------------|--|---|---------------------|-----------|------|-------------------|
| *[x] | TOTAL | -20 = | 0 | x \$ 50 = | \$ | 0 |
| | INDEPENDENT CLAIMS 2 | - 3 = | o | x \$200 = | \$ | О |
| | MULTIPLE DEPENDENT | MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 = | | | | |
| FEES | ES [x] BASIC NATIONAL FEE \$300.00 | | | | | 300 |
| | (x) EXAMINATION FEE | | | \$200.00 | \$ | 200 |
| | [x] SEARCH FEE | | | \$500.00 | \$ | 500 |
| | [] ADDITIONAL PAGE F | EE (per each 50 pages ov | ver 100 pages) | \$250.00 | \$ | |
| OTHER FEES | Surcharge for furnishing the oath or declaration later than 30 months from any claimed priority date [37 CFR 1.492(e) and 37 CFR 1.495(c)]. | | | | + | |
| | Total of above Calculations | | | | | 1000 |
| SMALL ENTITY | Reduction by 1/2 for filing | by small entity, if applica | ble. [37 CFR 1.27] | | | |
| ENTITY | | | | | - | 500_ |
| | | | | Subtotal | | 500 |
| | Processing fee for furnishing the English Translation later than 30 months from any claimed priority date [37 CFR 1.492(f) and 37 CFR 1.495(c)]. \$130 | | | | | |
| | | | | | + | |
| | Total National Fee | | | | | 500 |
| | Fee for recording the enclosed assignment document \$40 [37 CFR 1.21(h)]. | | | | | |
| TOTAL | TOTAL FEES ENCLOSED | | | | | 500 |

See attached Preliminary Amendment.

A check in the amount of \$500 to cover the above fees is enclosed. [x]

Please charge any additional basic filing, examination, or search fee which may be required by this paper, or credit any overpayment to Deposit Account No. 19-2560. (Do not charge excess claim fees or the surcharge for belated filing of the Declaration to the Deposit Account.) This sheet is filed in duplicate. [x]